



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908  
[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

## NOTICE OF ACCEPTANCE (NOA)

Nana Wall System Inc.  
707 Redwood Highway  
Mill Valley, CA 94941

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

### DESCRIPTION: Series "SI-73" Aluminum InSwing Folding Doors-LMI

**APPROVAL DOCUMENT:** Drawing No. 1636, titled "SL-73 In-Swing Impact Folding Panels", sheets 1 through 8 of 8, dated 06/08/10, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

### MISSILE IMPACT RATING: Large and Small Missile Impact

#### Limitations:

1. ADA/Flush Saddle Doors are not approved for water resistant unless complies w/ FBC requirements.
2. Max panel width= DLO width+8.125"

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, **Richmond, CA** or **Bissendorf, Germany** and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

NOA No 10-0322.18

Expiration Date: August 11, 2015

Approval Date: August 11, 2010



8-7/11/10

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1636**, titled "SL-73 In-Swing Impact Folding Panels", sheets 1 through 8 of 8, dated 06/08/10, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

1. Test reports on
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test per FBC, TAS 202-94 (Standard sill)
  - 4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
  - 5) Large Missile Impact Test per FBC, TAS 201-94
  - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of aluminum inswing folding door, prepared by Architect Testing, Test Report No(s). 91081.01-301-18, dated 12/15/09, signed and sealed by Joshua M. Royce, P.E.

Note: This test report has an addendum letter issued by Architectural Testing, signed and sealed by Micael D. Stremmel, P.E.

**C. CALCULATIONS**

1. Anchor verification calculation dated March 16, 2010 and revised on June 08, 2010, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Complies with ASTM E1300-02 & -04

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

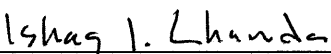
1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours for "SentryGlasPlus", expiring on 01/14/2012.
2. Test report No. 60520.01-106-18 dated 11/09/06, issued by Architectural Testing for "Tecatherm **66 GF** (insul bar material) for Xenon Arch weathering per ASTM G-55, tensile properties per ASTM D-638, smoke density per ASTM D-2843, rate of burning per ASTM D-635 and self ignition test per ASTM D-1929, signed and sealed by Joseph M. Brickner and Todd D. Burroughs.

**F. STATEMENTS**

1. Statement letter of conformance and "No financial interest", both dated 08/03/10, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of lab compliance, part of above test reports.

**G. OTHER**

1. Test proposal # **09-0569**, dated May 27, 2009, approved by BCCO.
2. Technical cut sheets for Tremco gaskets.
3. Distribution agreement between Solarlux Nana Mfg. LLC, Richmond, CA and Nana Wall System Mill Valley, CA.
4. Distribution agreement between Solarlux Nana Mfg. LLC, Bissendorf, Germany and Nana Wall System Mill Valley, CA.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 10-0322.18

Expiration Date: August 11, 2015

Approval Date: August 11, 2010

# **GENERAL NOTES:**

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCE THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF  $K_d = 0.85$  MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.

## **HINGE REQUIREMENTS**

5 PER PANEL (ALL PANEL SIZES)  
PLACED APPROXIMATELY 5" & 13" FROM  
TOP & BOTTOM & AT MIDDLE OF PANEL

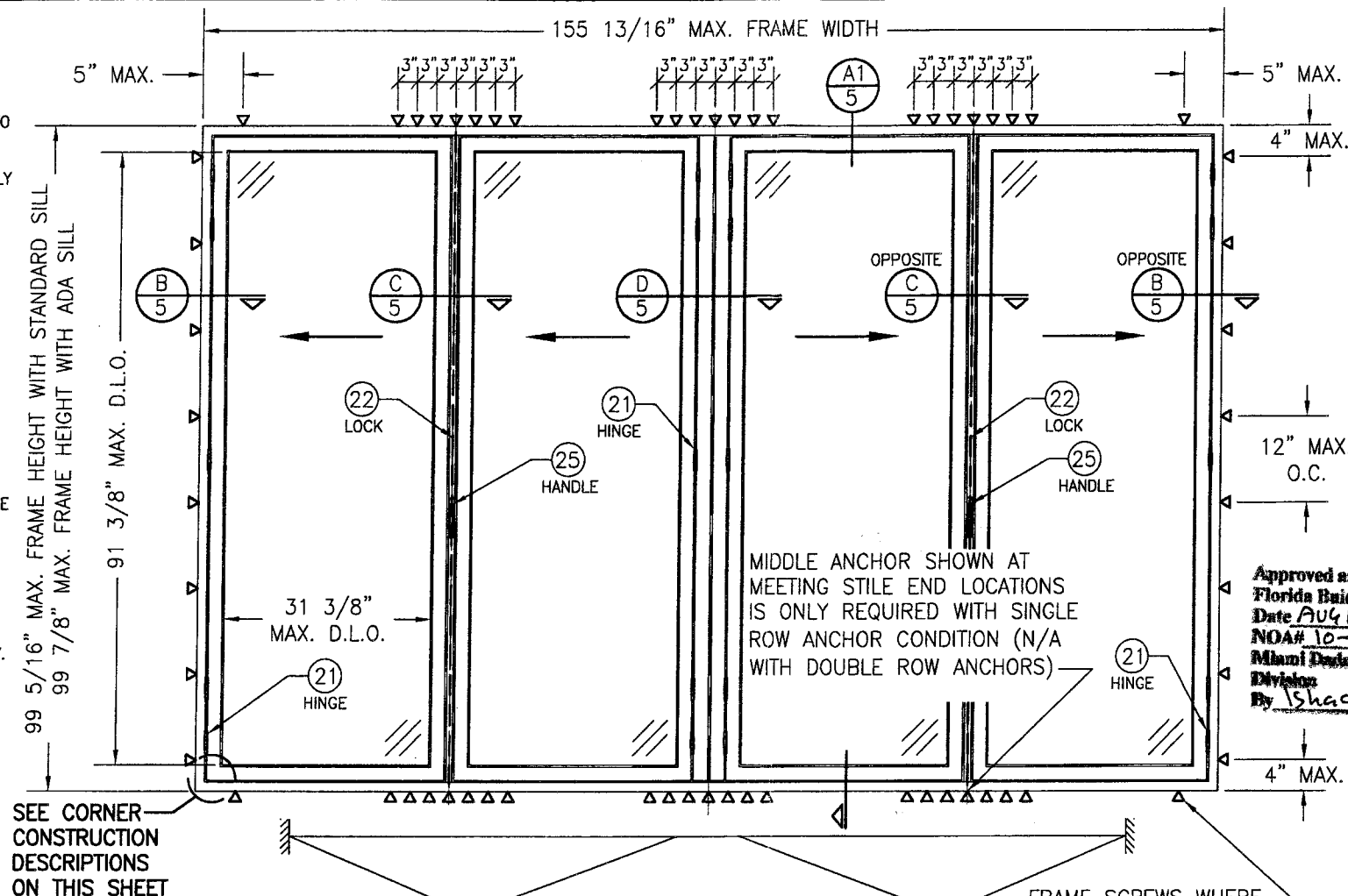
## **FRAME ANCHOR REQUIREMENTS TABLE**

### **FRAME SCREWS**

OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
<b>(1) SINGLE SCREW ROW</b>			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & $G=0.55$ )	NO. 14 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 16 GA. 33 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU	(2) 1/4" CONCRETE SCREW	1 1/4"	2 1/2"
MIN. 2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/2"	2 1/2"
<b>DOUBLE SCREW ROW</b>			
(3) MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & $G=0.55$ )	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU	(2) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/2"	2"

- (1) WHEN SINGLE SCREW ROW ANCHORING METHOD IS USED SCREWS MUST HAVE A  $\phi 3/4"$  O.D. FLAT WASHER AT THE SCREW HEAD.
- (2) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).
- (3) 2X6 WOOD BUCK MAY BE RIPPED DOWN TO 4 1/2" PROVIDING THAT REQ'D SCREW TO BUCK EDGE DISTANCES ARE MAINTAINED.

SEE CORNER  
CONSTRUCTION  
DESCRIPTIONS  
ON THIS SHEET



## **INTERIOR ELEVATION: (2 DIRECTION FOLDING PANELS)**

SCALE: 1/2" = 1'-0"

FRAME SCREWS WHERE  
SHOWN. SEE "FRAME  
ANCHOR REQUIREMENTS  
TABLE" ON THIS SHEET  
FOR REQUIREMENTS  
(APPLICABLE TO SINGLE  
OR DOUBLE ROW OF  
SCREWS).

## **ALLOWABLE DESIGN PRESSURE WITH STANDARD SILL**

MAX. FRAME HEIGHT (IN.)	MAX. D.L.O. WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)							
		GLASS OPTION 1, 3 & 4		GLASS OPTION 2		GLASS OPTION 5		GLASS OPTION 6	
		POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.
99 5/16	31 3/8	70.0	100.0	70.0	87.4	70.0	94.3	70.0	99.8
	28 3/8	75.8	108.2	75.8	105.0	75.8	108.2	75.8	108.2
	25 3/8	80.0	110.0	80.0	110.0	80.0	110.0	80.0	110.0
	22 3/8	80.0	110.0	80.0	110.0	80.0	110.0	80.0	110.0
93 5/16	31 3/8	74.5	106.4	74.5	92.9	74.5	100.0	74.5	106.0
	28 3/8	80.0	110.0	80.0	107.0	80.0	110.0	80.0	110.0
	25 3/8	80.0	110.0	80.0	110.0	80.0	110.0	80.0	110.0
87 5/16	31 3/8	79.6	110.0	79.6	97.5	79.6	105.0	79.6	110.0
	28 3/8	80.0	110.0	80.0	110.0	80.0	110.0	80.0	110.0
82 5/16	31 3/8	80.0	110.0	80.0	102.0	80.0	110.0	80.0	110.0
	28 3/8	80.0	110.0	80.0	110.0	80.0	110.0	80.0	110.0

SEE SHEET 7  
FOR GLASS  
OPTIONS

## **CORNER CONSTRUCTION:**

FRAME (WITH STANDARD RAISED SILL): MEMBERS ARE MITERED, BUTTED & JOINED VIA (2)TWO CORNER KEYS (ITEM #12) EACH CORNER KEY IS SECURED WITH (2)TWO  $\phi 5/16"$  X 3/4" BRASS CONE PINS. CORNERS ARE SEALED WITH SILICONE SEALANT. FLUSH SADDLE SILL: MEMBERS ARE SQUARE CUT, BUTTED & JOINED VIA AN END CAP WITH (3)THREE 1/8" X 5/8" FHTF SCREWS AT THE SILL & (2)TWO 1/8" X 5/8" FHTF SCREWS AT THE VERTICAL MEMBER. CORNERS ARE SEALED WITH A CUSHION WEATHERSTRIPPING. RAIL TO STILE: MEMBERS ARE MITERED, BUTTED & JOINED VIA (2)TWO CORNER KEYS (ITEM #13 & #14) THE CORNER KEY IS SECURED BY CRIMPING (2)TWO LEGS EACH PANEL. CORNERS ARE SEALED WITH SILICONE SEALANT.

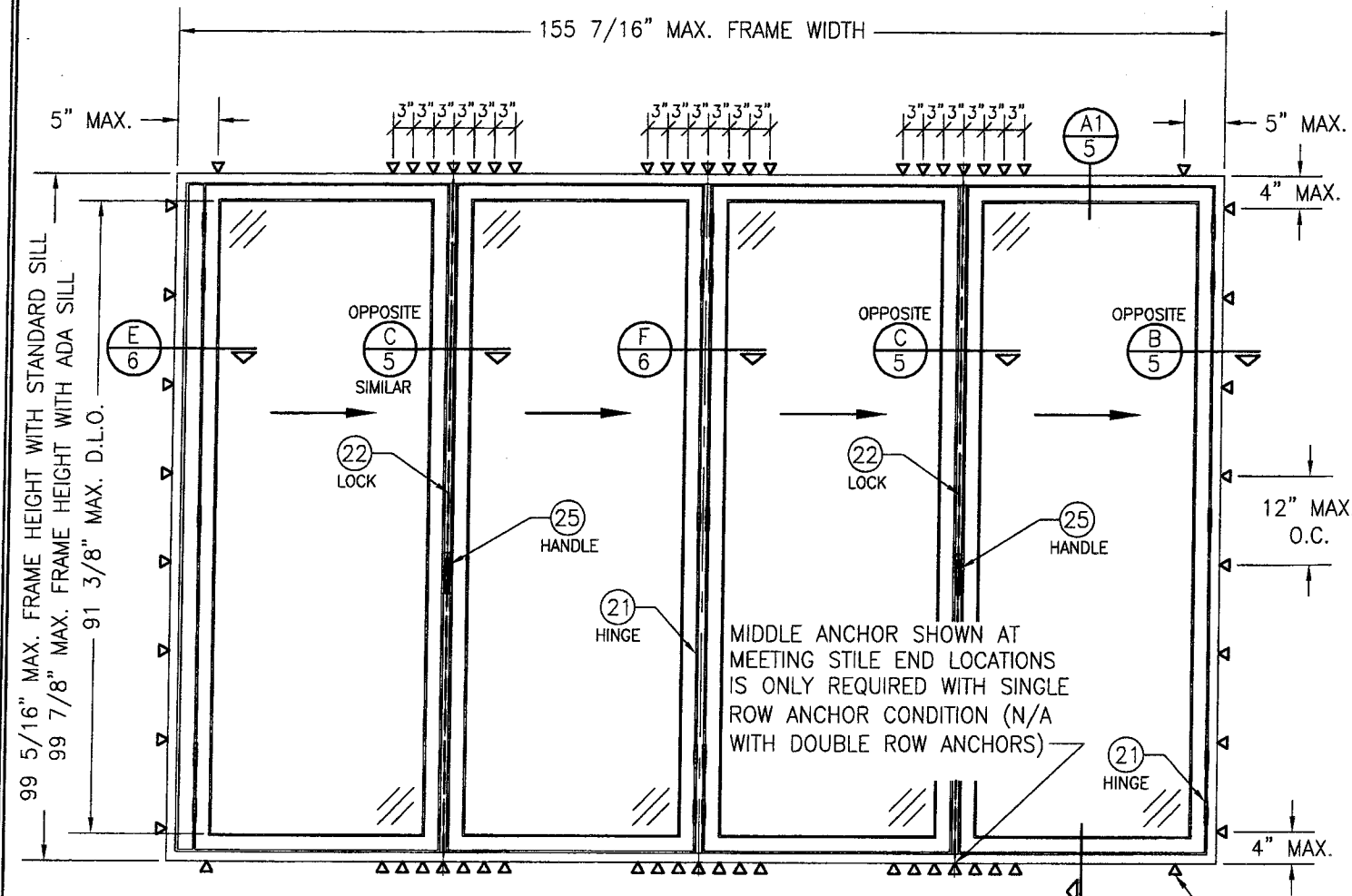
## **(1) ALLOWABLE DESIGN PRESSURE WITH ADA SILL**

MAX. FRAME HEIGHT (IN.)	MAX. D.L.O. WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)	
		POS.	NEG.
99 7/8	31 3/8	70.0	70.0
	28 3/8	75.8	75.8
	25 3/8	82.5	82.5
	22 3/8	90.0	90.0
93 7/8	31 3/8	74.5	74.5
	28 3/8	80.6	80.6
	25 3/8	87.8	87.8
	24 3/8	90.0	90.0
87 7/8	31 3/8	79.6	79.6
	28 3/8	86.1	86.1
	26 3/8	90.0	90.0
82 7/8	31 3/8	84.4	84.4
	28 3/8	90.0	90.0

(1) WHEN AN ADA/FLUSH SADDLE SILL IS USED, THESE DOORS ARE NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED BY THE DOOR UNLESS UNITS ARE INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT & THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION OR THEY ARE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG WHERE-BY THE OVERHANG(OH) RATIO IS EQUAL TO OR MORE THAN 1.0 PER FBC CHAPTER 24.

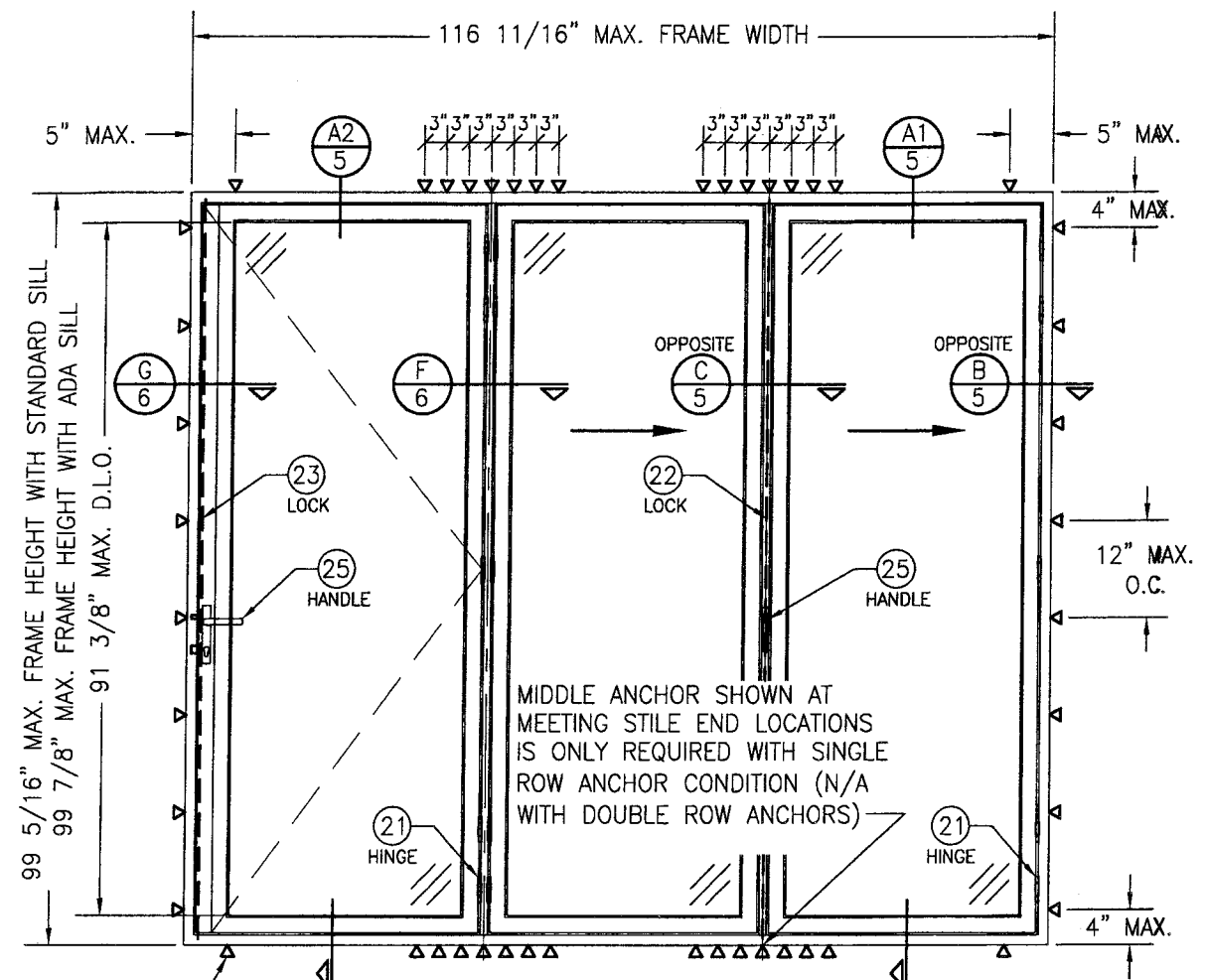


DRAWN BY: W.R.M. PLOT: 1-24 DATE: 11/23/09	CHECKED BY: W.W.S. DATE: 11/23/09
NO. REVISION DESCRIPTION	DATE BY DESCRIPTION
DRAWING TITLE <b>SL-73 IN-SWING IMPACT FOLDING PANELS</b>	
MANUFACTURER <b>NANA WALL SYSTEMS, INC</b> 707 REDWOOD HIGHWAY MILL VALLEY, CA 94941 800-873-5673	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION <b>JUN 08 2010</b> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. <b>1636</b>	REV. SHEET NO. <b>1 OF 8</b>



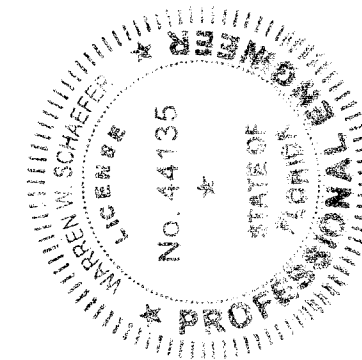
**INTERIOR ELEVATION:**  
**(1 DIRECTION FOLDING PANELS)**  
 SCALE: 1/2" = 1'-0"

FRAME SCREWS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (APPLICABLE TO SINGLE OR DOUBLE ROW OF SCREWS).

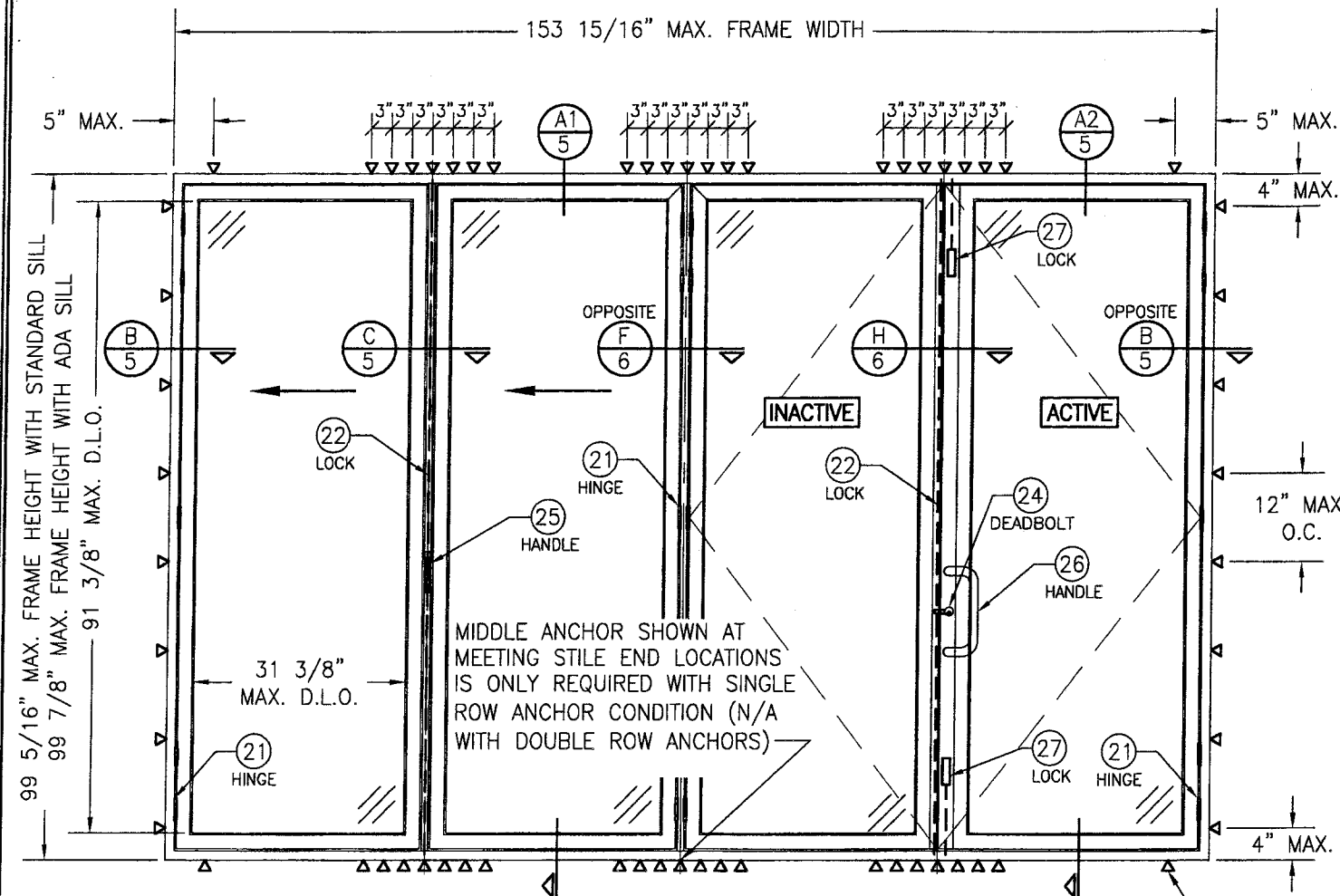


**INTERIOR ELEVATION:**  
**(1 DIRECTION FOLDING PANELS WITH SWING PANEL LOCKING TO JAMB)**  
 SCALE: 1/2" = 1'-0"  
 (ACTIVE SWING DOOR SHOWN WITH MULTI-POINT LOCK. DEADBOLT/FLUSH BOLT LOCK COMBINATION ALSO APPLIES)

Approved as complying with the  
 Florida Building Code  
 Date: Aug 11, 2010  
 NOAH: 10-0322-18  
 Miami Dade Product Control  
 Division  
 By: [Signature]



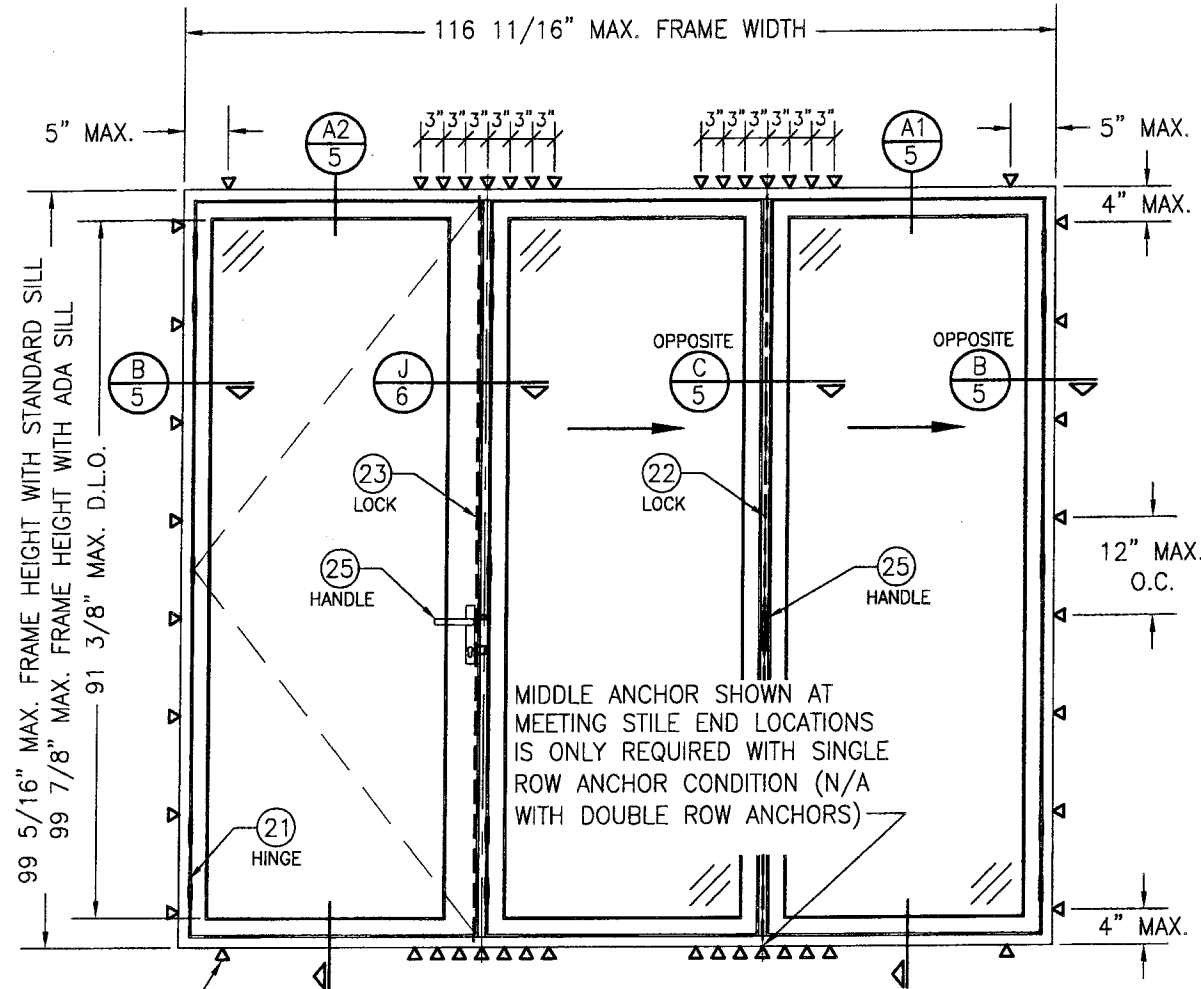
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 11/23/09	
DATE	BY	REVISION	DESCRIPTION
DRAWING TITLE: <b>SL-73 IN-SWING IMPACT FOLDING PANELS</b>			
CONSULTANTS:		MANUFACTURER:	
<b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		<b>NANA WALL SYSTEMS, INC</b> 707 REDWOOD HIGHWAY MILL VALLEY, CA 94941 800-873-5673	
CERTIFICATION <b>JUN 08 2010</b> WARREN W. SCHAEFER P.E. P.E. NO. 44135			
DRAWING NO. 1636		REV.	
SHEET NO. 2		OF 8	



**INTERIOR ELEVATION:**  
**(1 DIRECTION FOLDING PANELS WITH DOUBLE SWING PANELS)**

SCALE: 1/2" = 1'-0"  
 (ACTIVE SWING DOOR SHOWN WITH DEADBOLT/FLUSH BOLT LOCK COMBINATION. MULTI-POINT LOCK ALSO APPLIES)

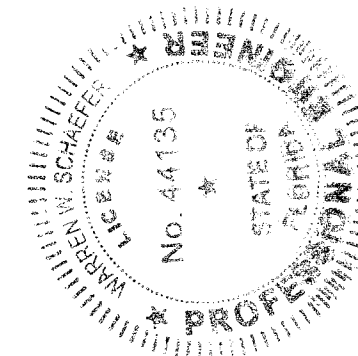
FRAME SCREWS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (APPLICABLE TO SINGLE OR DOUBLE ROW OF SCREWS).



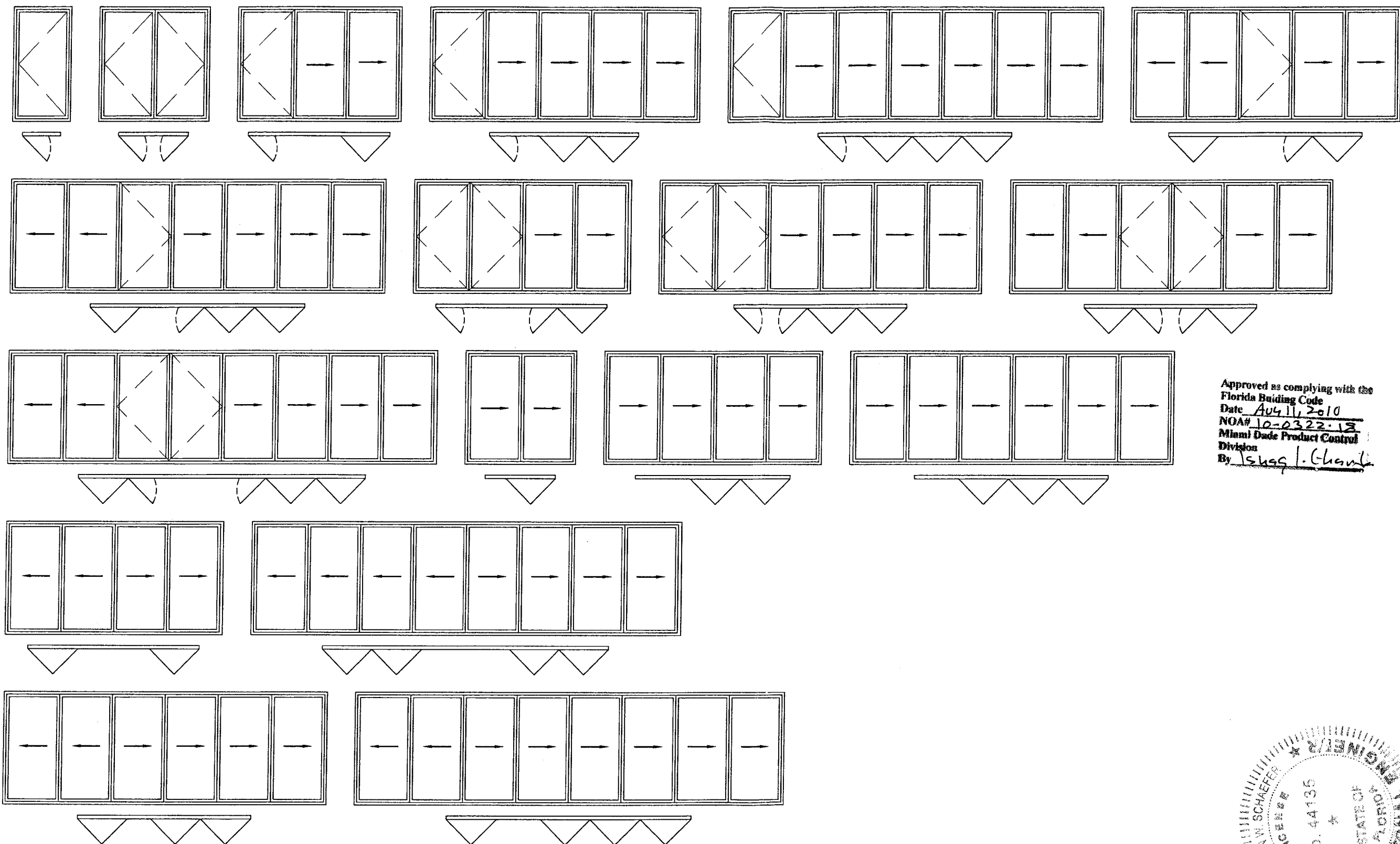
**INTERIOR ELEVATION:**  
**(SWING PANEL LOCKING TO 1 DIRECTION FOLDING PANELS)**

SCALE: 1/2" = 1'-0"  
 (ACTIVE SWING DOOR SHOWN WITH MULTI-POINT LOCK. DEADBOLT/FLUSH BOLT LOCK COMBINATION ALSO APPLIES)

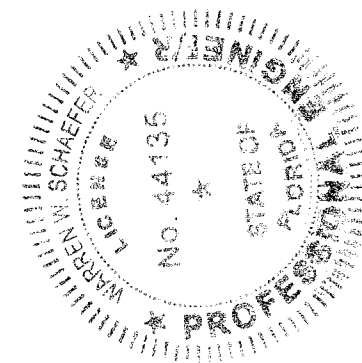
Approved as complying with the  
 Florida Building Code  
 Date April 2010  
 NOA# 10-0322-18  
 Miami Dade Product Control  
 Division  
 By Ishag I. Chande



DRAWING TITLE		DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
SL-73 IN-SWING IMPACT FOLDING PANELS		PLOT: 1=24		DATE: 11/23/09	
CONSULTANTS		NO.		REVISION DESCRIPTION	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.					
8895 N. MILITARY TRAIL, SUITE C-204					
PALM BEACH GARDENS, FL 33410					
PHONE: 561-775-4902 FAX: 561-775-4903					
MANUFACTURER					
NANA WALL SYSTEMS, INC.					
707 REDWOOD HIGHWAY					
MILL VALLEY, CA 94941					
800-873-5673					
CERTIFICATION					
JUN 08 2010					
WARREN W. SCHAEFER, P.E.					
P.E. NO. 44135					
DRAWING NO. 1636					
SHEET NO. 3 OF 8					



Approved as complying with the  
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 Date Aug 11, 2010  
 NOA# 10-0322-18  
 Miami Dade Product Control  
 Division  
 By Shag I. Chant

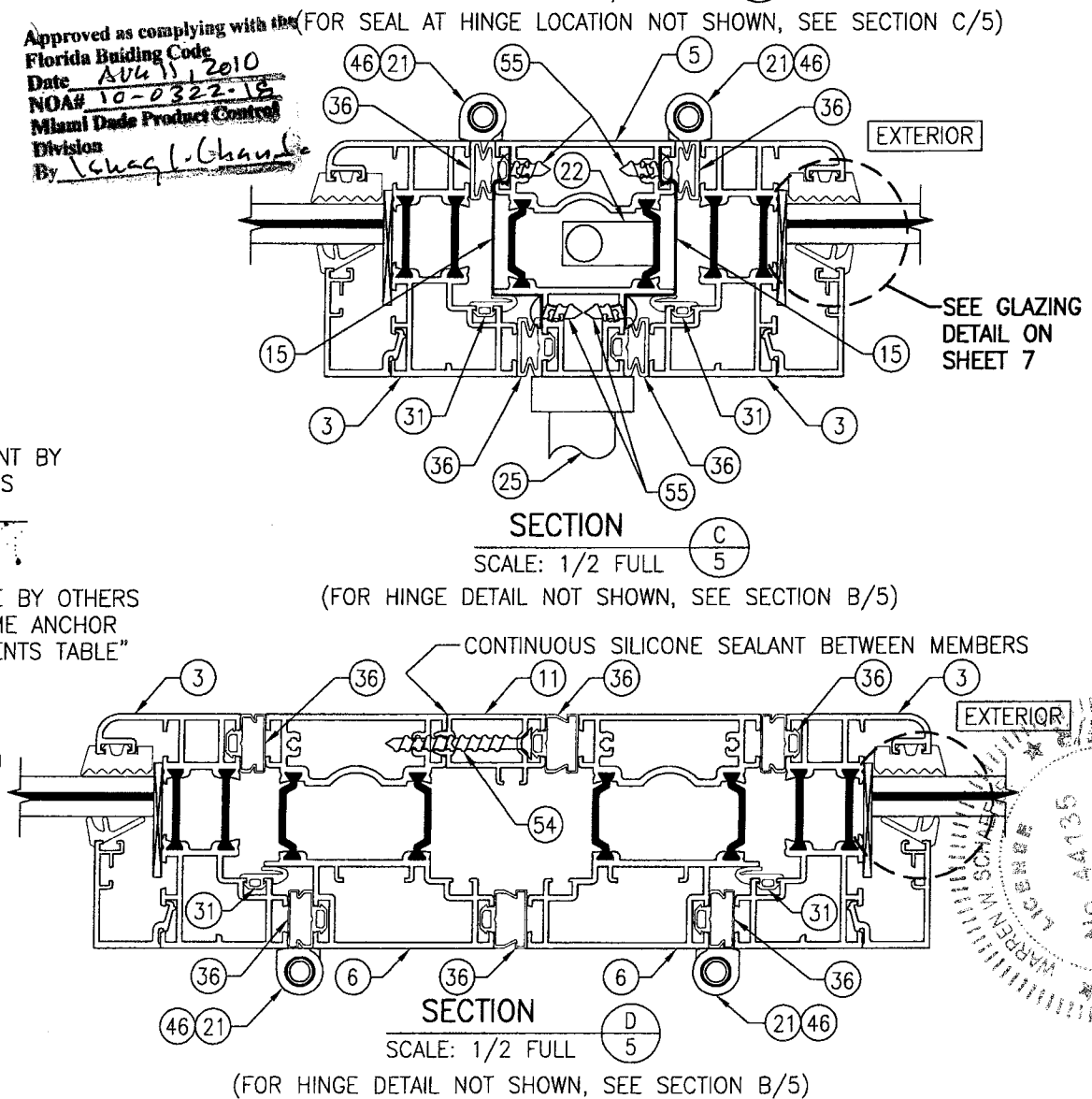
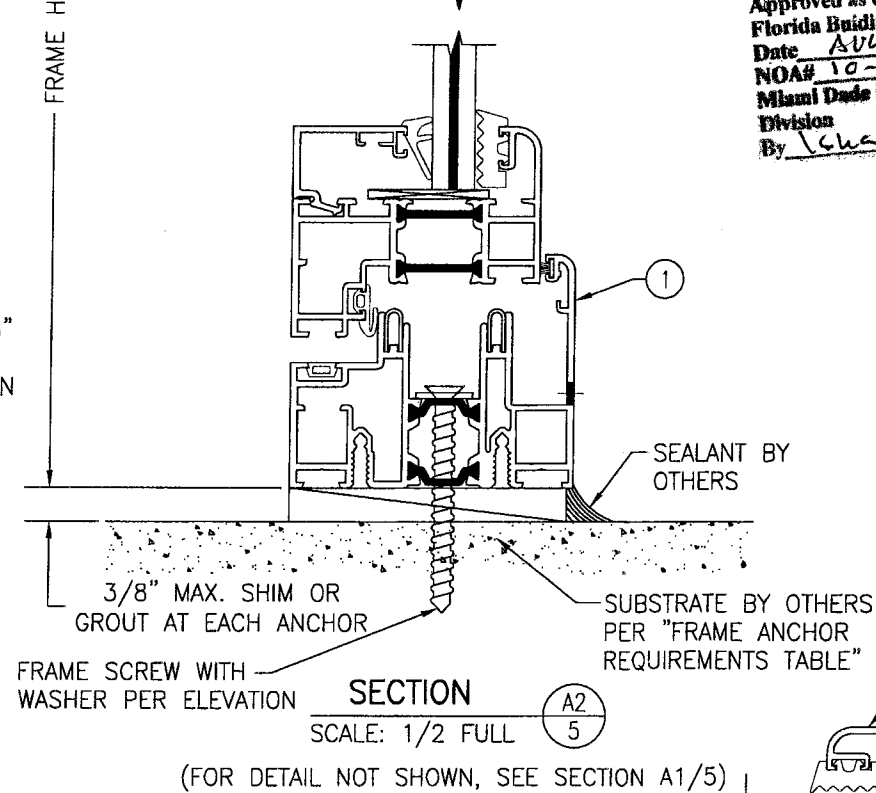
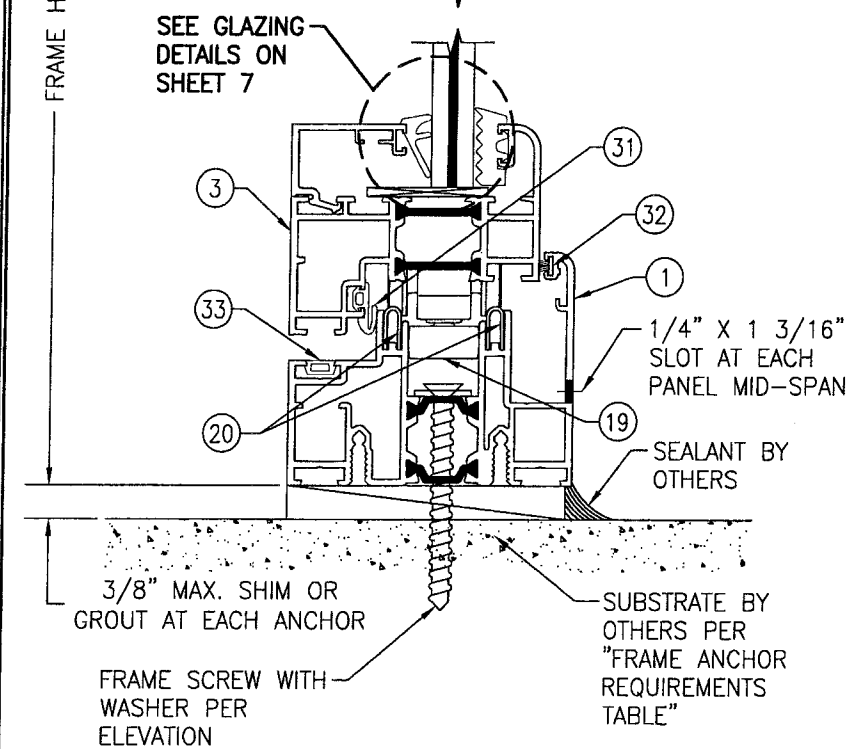
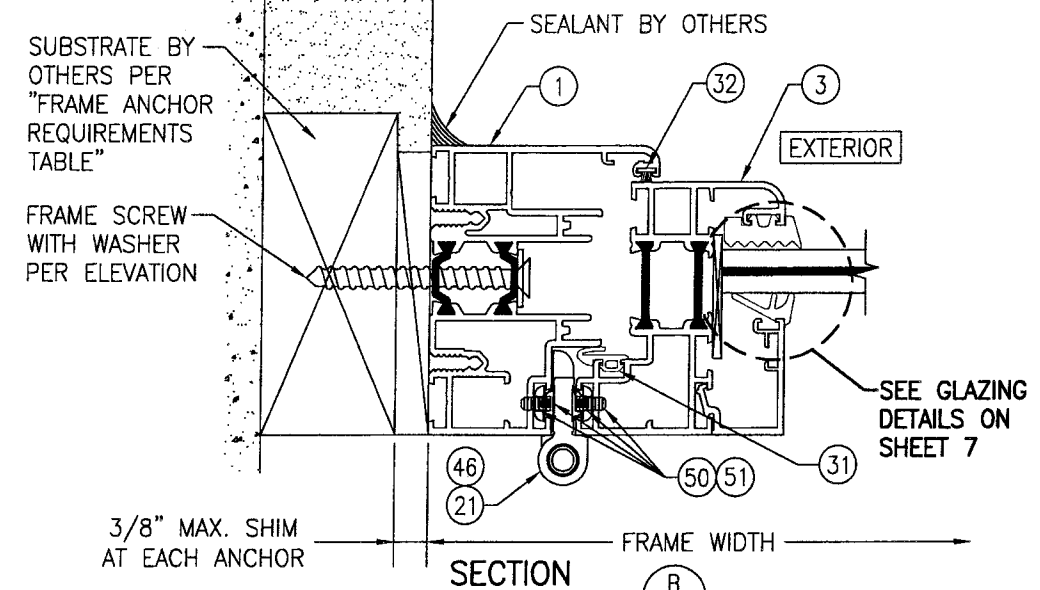
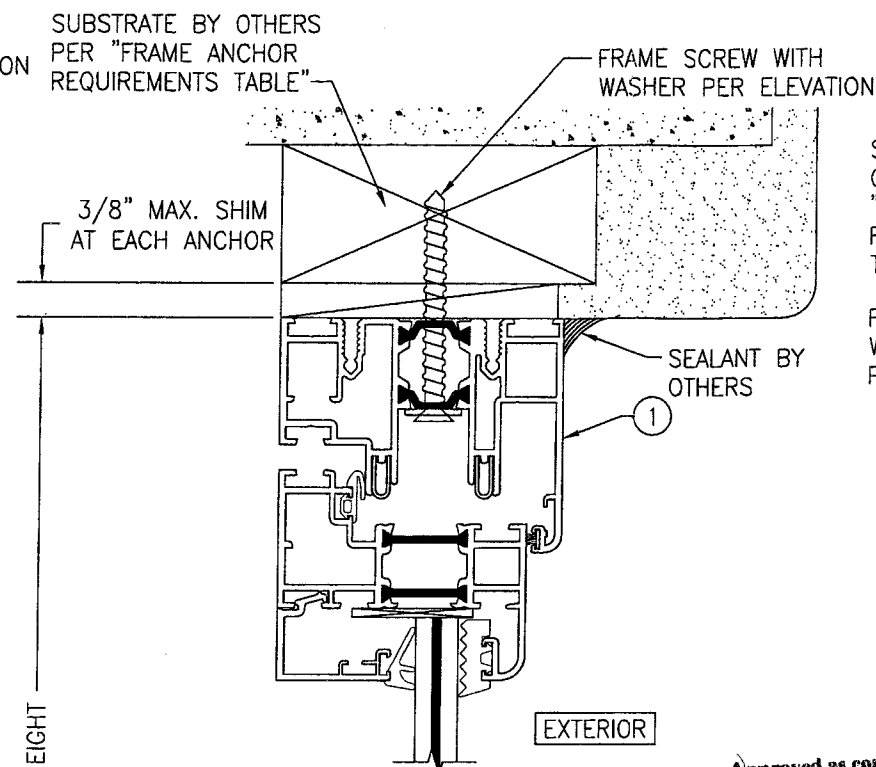
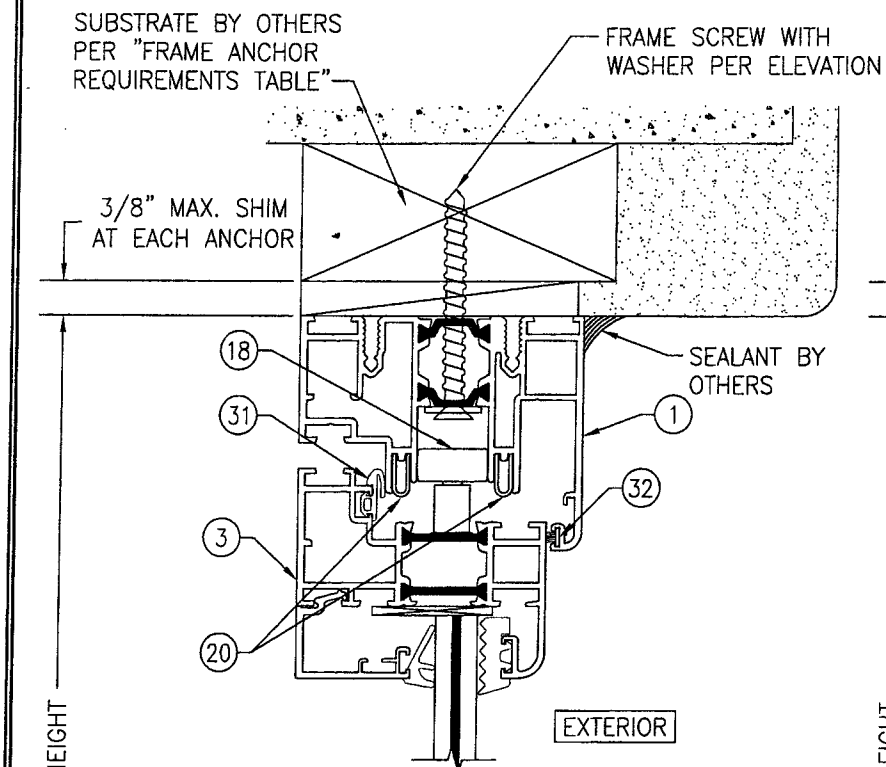


CONDITIONS SHOWN ARE THE MAJORITY OF  
 THOSE USED. OTHER CONDITIONS OF FOLDING  
 & SWING PANELS APPLY PROVIDING THEY ARE  
 WITHIN THE SCOPE OF THE DETAILS WITHIN  
 THIS DRAWING.

WHILE UP TO 8 PANELS IN ONE OPENING  
 IS SHOWN, THERE IS NO LIMIT TO THE  
 NUMBER OF PANELS IN ONE DOOR FRAME  
 OPENING PROVIDING THE OPENING IS  
 DESIGNED TO SUPPORT THE LOADS  
 TRANSFERRED FROM THE DOOR SYSTEM

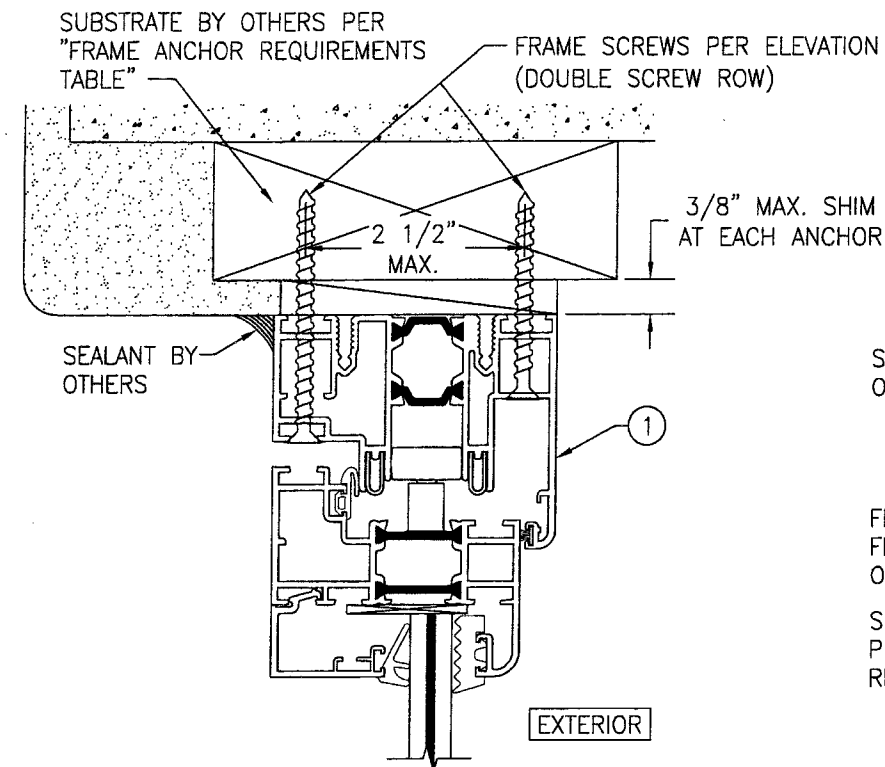
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PLOT: 1=24		DATE: 11/23/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: SL-73 OUT-SWING IMPACT FOLDING PANELS			
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CERTIFICATION: JUN 08 2010		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1635		REV.	
SHEET NO. 4		OF 8	





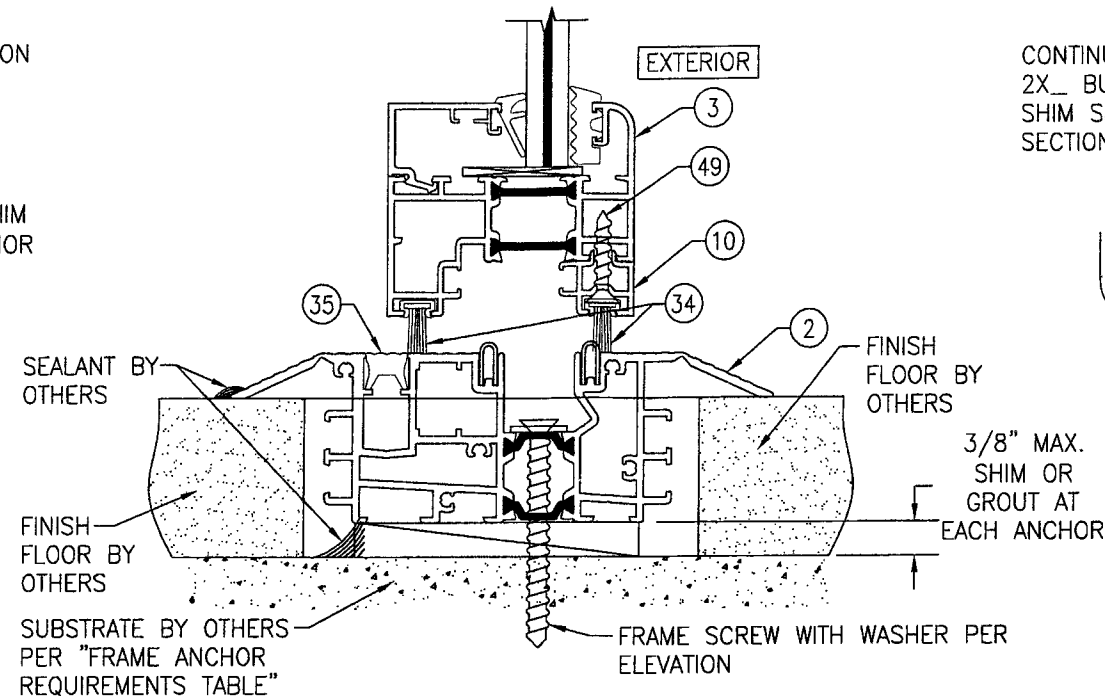






### DOUBLE ROW ANCHOR DETAIL AT HEAD & SIDES

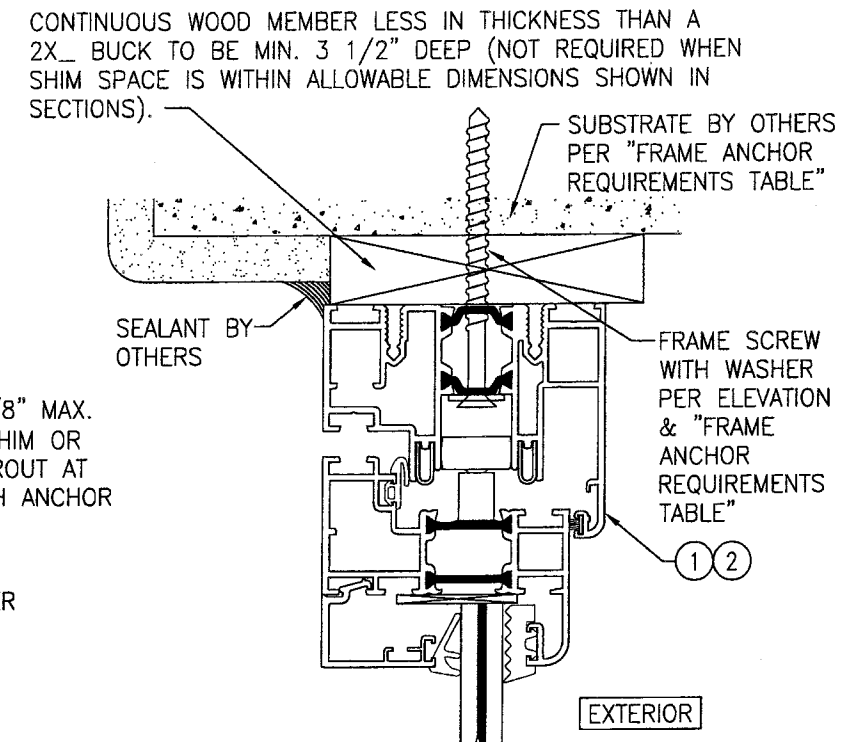
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)  
(HEAD SECTION SHOWN. SIDES ARE INSTALLED THE SAME)



### FLUSH SADDLE SILL DETAIL

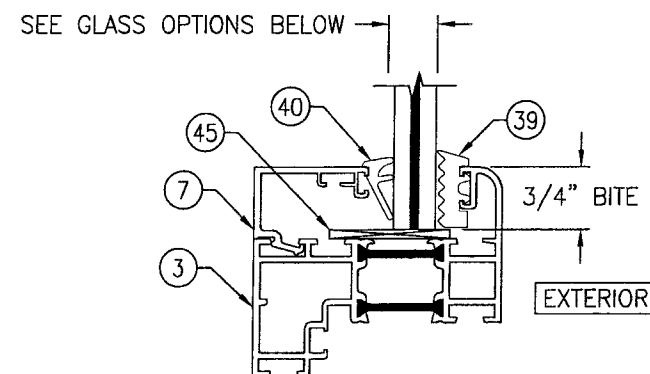
(SWING DOOR SHOWN. FOLDING PANELS ARE INSTALLED THE SAME)  
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)  
(DOUBLE SCREW ROW DOES NOT APPLY TO THIS DETAIL)

WHEN AN ADA/FLUSH SADDLE SILL IS USED, THESE DOORS ARE NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED BY THE DOOR UNLESS UNITS ARE INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT & THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION OR THEY ARE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG WHERE-BY THE OVERHANG(OH) RATIO IS EQUAL TO OR MORE THAN 1.0 PER FBC CHAPTER 24.



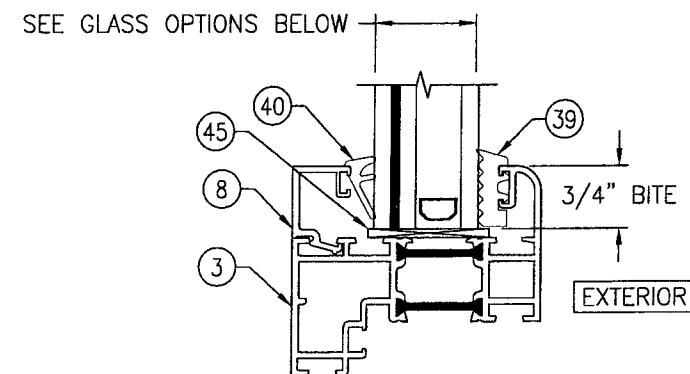
### OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

(HEAD SECTION SHOWN. SILL & SIDES ARE INSTALLED THE SAME)  
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)  
(SINGLE SCREW ROW INSTALLATION SHOWN. DOUBLE SCREW ROW ALSO APPLIES)



### NON-I.G. GLAZING DETAIL GLASS OPTIONS 1 & 2

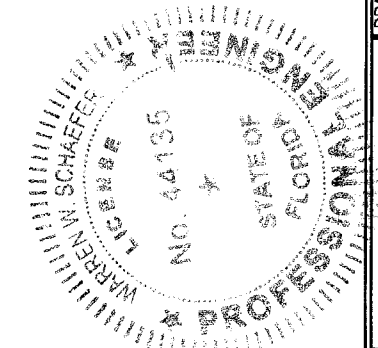
GLASS OPTION 1: 7/16" LAMINATED GLASS (3/16" H.S./0.09 DUPONT SGP/3/16" H.S.)  
GLASS OPTION 2: 7/16" LAMINATED GLASS (3/16" AN./0.09 DUPONT SGP/3/16" AN.)



### I.G. GLAZING DETAIL GLASS OPTIONS 3, 4, 5 & 6

GLASS OPTION 3: 1 1/8" I.G. LAMINATED GLASS (3/16" H.S./0.09 DUPONT SGP/3/16" H.S. INTERIOR; 1/2" AIR SPACE; 3/16" TEMP. EXTERIOR)  
GLASS OPTION 4: 1 1/8" I.G. LAMINATED GLASS (3/16" H.S./0.09 DUPONT SGP/3/16" H.S. INTERIOR; 7/16" AIR SPACE; 1/4" TEMP. EXTERIOR)  
GLASS OPTION 5: 1 1/8" I.G. LAMINATED GLASS (3/16" AN./0.09 DUPONT SGP/3/16" AN. INTERIOR; 1/2" AIR SPACE; 3/16" TEMP. EXTERIOR)  
GLASS OPTION 6: 1 1/8" I.G. LAMINATED GLASS (3/16" AN./0.09 DUPONT SGP/3/16" AN. INTERIOR; 7/16" AIR SPACE; 1/4" TEMP. EXTERIOR)

Approved as complying with the  
Florida Building Code  
Date Aug 11, 2010  
NOA# 10-0323-13  
Miami Dade Product Control  
Division  
By Chas L. Chande



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.		
PLOT: 1=2		DATE: 11/23/09		
NO.	REVISION	DESCRIPTION	BY	DATE
<div><div><div>DRAWING TITLE</div><div>SL-73 IN-SWING IMPACT FOLDING PANELS</div></div><div><div>CONSULTANTS</div><div>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903</div></div><div><div>MANUFACTURER</div><div>NANA WALL SYSTEMS, INC 707 REDWOOD HIGHWAY MILL VALLEY, CA 94941 800-873-5673</div></div></div>				
<div><div>CERTIFICATION</div><div>JUN 08 2010</div><div>WARREN W. SCHAEFER, P.E. P.E. NO. 44135</div></div>				
DRAWING NO.		REV.		
1636				
SHEET NO.				
7		OF 8		

